



AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning on Page 3, line 2, of the Summary of the Invention section of the Specification with the following replacement paragraph to correct the reference to "Tx.":

The invention relates to a virtual router distributed on a carrier network, said carrier network comprising one or more components, each of the components comprising at least two nodes communicating with one another by means of an artery, a node comprising a FAX access function and server functions (LES/BUS, LECS, MPS). It is characterized in that at least one component of said network comprises the following elements:

several ELAN_i-bridges, each ELAN_i-bridge being connected to a virtual network VLAN_i,

at least one transit ELAN, [[Tx,]]

at the level of an access function FAX:

router LEC means Rix adapted to connecting the access function [[Fax]] FAX to

at least one ELAN_i associated with a VLAN_i,

means (Lx) for the identification of the VLAN_i serviced by the access function FAX,

means (~~LEC transit~~) (transit LEC Tx) to connect the transit ELAN ~~transit~~ to the access function.

Please replace the paragraph beginning on Page 5, line 19, of the More Detailed Description section of the Specification with the following replacement paragraph to correct the reference to the "ATM network 1":

The ~~network~~-ATM network 1 provides a bridge service according to the prior art, for example between the different networks belonging to one and the same VLAN and a routing

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service according to the invention, for example between the three VLAN networks VLANi, VLANj and VLANk.

Please replace the paragraph beginning on Page 5, line 23, of the More Detailed Description section of the Specification with the following replacement paragraph to correct the reference to "insulated" in line 27 to "isolated," and to correct the reference to "X and Y" in line 28 to "Y and Z":

Figure 2 shows a network comprising elements identical to those described in Figure 1 and having the same references, wherein the node X is isolated from the rest of the network. The nodes Y and Z are connected by a communications artery 3. The network has two components, a first component comprising the node X that is ~~insulated~~ isolated and a second component comprising the two nodes [[X and Y]] Y and Z and the communications artery 3.

Please replace the paragraph beginning on Page 6, line 1, of the More Detailed Description section of the Specification with the following replacement paragraph to correct the reference to the "IP access function":

The switch 2 described in detail in Figure 3 comprises for example:

- an IP access function [[IP]] 20 according to the invention described in detail in Figure 4,
- a LES/BUS (LAN emulation server/broadcast or unknown server) function 21,
- a LECS (LAN emulation configuration server) function 22, and
- an MPS (MPOA server) function 23.

Please replace the paragraph beginning on Page 6, line 33, of the More Detailed Description section of the Specification with the following replacement paragraph to correct the reference to the "transit LEC":

The ATM support network comprises for example an emulated LAN (ELAN) known as a transit ELAN for which all the IP access functions are clients by means of a LEC function

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known as a "~~LEC transit~~" "transit LEC". For example, the transit LEC function of the access function of the node X is referenced LEC Tx. Those of the nodes Y and Z are respectively referenced LEC Ty and LEC Tz. The transit LEC is connected to the transit ELAN.

Please replace the bullet paragraph beginning on Page 9, line 3, of the More Detailed Description section of the Specification with the following replacement bullet paragraph to correct the references to the "IP packets" and "IP destination address":

- The access function FAX also relays all the ~~packets~~ IP packets received on the transit LEC Tx by using the IP destination address [[IP]] and the information contained in the routing table.